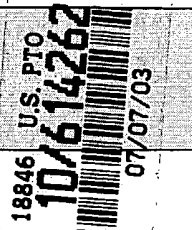|	Our Docket No.: **V44.12-0154**	Date: **July 7, 2003**

UTILITY
PATENT APPLICATION
TRANSMITTAL

First Named Inventor: **Jason P. Brenden et al.**

Title: **HARD DRIVE SPINDLE MOTOR CONTROLLER WITH REVERSE CURRENT PREVENTION**

Express Mail No.: **EV 215782967 US**

APPLICATION ELEMENTS

ADDRESS TO:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. [X] Fee Calculation Sheet
   (Submit an original and a duplicate for fee processing)

2. [] Applicant claims small entity status

3. [X] Specification   Total Pages **[16]**
   - Descriptive title of the invention
      - Cross References to Related Applications
      - Statement Regarding Fed. Sponsored R&D
      - Reference to Microfiche Appendix
      - Background of the Invention
      - Brief Summary of the Invention
      - Brief Description of the Drawings (if filed)
      - Detailed Description
      - Claims
      - Abstract of the Disclosure
4. [X] Drawings (35 U.S.C. 113)   Total Sheets **[4]**
5. [X] Oath or Declaration   Total Pages **[4]**
       a. [X] Newly Executed (original or copy)
       b. [] Copy from a prior application (37 C.F.R.
       1.63(d) - for continuation/divisional with Box 18
       completed)
          [Mark Box 5 below]
          I. [] DELETION OF INVENTOR(S)
          Signed statement attached deleting
          inventor(s) named in the prior application,
          see 37 C.F.R. 1.63(d)(2) and 1.33(b)
6. [X] Application Data Sheet. See 37 CFR 1.76.

7. [] CD-ROM or CD-R in duplicate, large
             table or Computer Program (*Appendix*)
8. Nucleotide and/or Amino Acid Sequence Submission
    (*If applicable, all necessary*)
    a. [] Computer Readable Copy (CRF)
    b. Specification Sequence Listing on:
       i. [] CD-ROM or CD-R (2 copies; or
       ii. [] Paper
    c. [] Statements verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. [X] Assignment Papers (cover sheet & document(s))
10. [] 37 C.F.R. 3.73(b) Submission
11. [] English Translation Document (*if applicable*)
12. [] Information Disclosure Statement with copies of Citations as necessary
13. [] Preliminary Amendment   Total Pages []
14. [X] Return Receipt Postcard (*Should be specifically itemized*)
15. [] Certified Copy of Priority document(s) (*If foreign priority is claimed*)
16. [] Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Application must attach form PTO/SB/35 or its equivalent
17. [] Other

18. **If a CONTINUING APPLICATION,** *check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*
    [] Continuation   [] Division   [] Continuation-in-part (CIP) of prior Application No.

    Prior Application Information: Examiner ___   Group Art Unit ___
    For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. **CORRESPONDENCE ADDRESS**

ATTY NAME AND REG. NO.	**Alan M. Koenck,** **Reg. No. 43,724**	SIGNATURE:	
ADDRESS	**Kinney & Lange, P.A.** **THE KINNEY & LANGE BUILDING** **312 South Third Street** **Minneapolis, MN 55415-1002**		
TELEPHONE	**(612) 339-1863**	FAX:	**(612) 339-6580**

FEE TRANSMITTAL

Complete if Known	
Application No.	
Filing Date	Herewith
First Named Inventor	Jason P. Brenden
Group Art Unit	
Examiner Name	
Atty. Docket Number	V44.12-0154

Total Amount of Payment $790

METHOD OF PAYMENT (Check One)

1. [X] The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No.11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed

2. [X] Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
1001	750	2001	375	[X] Utility Filing Fee
1006	330	2006	165	[] Design Filing Fee
1004	750	2004	375	[] Reissue Filing Fee
1005	160	2005	80	[] Prov. Filing Fee

Subtotal (1) $750

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	20	- 20	= 0	X _ =	0
Indep.	3	- 3	= 0	X * =	0
Multiple Dependent Claims				* =	*

**Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple Dependent Claim
1204	84	2204	42	Reissue Independent Claims Over Original Patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

Subtotal (2) $-0-

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee paid
1051	130	2051	65	Surcharge - Late filing fee or oath	* _
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	* _
1053	130	1053	130	Non-English specification	* _
1812	2,520	1812	2,520	For Filing a Request for Reexamination	* _
1251	110	2251	55	Extension for reply within first month	* _
1252	410	2252	205	Extension for reply within second month	* _
1253	930	2253	465	Extension for reply within third month	* _
1254	1,450	2254	725	Extension for reply within fourth month	* _
1255	1,970	2255	985	Extension for reply within fifth month	* _
1402	320	2402	160	Filing a brief in support of an appeal	* _
1403	280	2403	140	Request for oral hearing	* _
1814	110	2814	55	Terminal Disclaimer Fee	* _
1452	110	2452	55	Petition to revive - unavoidable	* _
1453	1,300	2453	650	Petition to revive - unintentional	* _
1501	1,300	2501	650	Utility/Reissue issue fee	* _
1502	470	2502	235	Design issue fee	* _
1460	130	1460	130	Petitions to the Commissioner	* _
1807	50	1807	50	Petitions related to provisional applications	* _
1806	180	1806	180	Submission of Information Disclosure Statement	* _
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	X
1801	750	2801	375	Request for Continued Examination (RCE)	* _

Other fee (specify) _____ * _

Subtotal (3) $40

Signature _____ (signed) Alan M. Koenck

Date July 7, 2003

Reg. No. 43,724

Deposit Account No. 11-0982